



National Highway Traffic Safety Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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National Highway Traffic Safety Administration

PEDESTRIAN CASE SUMMARY NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

PSU 82

CASE NO. 612P

TYPE OF ACCIDENT __Car / Pedestrian / Walking in Path

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. <u>Do not include any personal identifiers.</u>)

VI was southbound in lane 1 of a two way two lane street. Pedestrian was standing in the crosswalk area talking to stop norrthbound vehicles at an intersection,. Pedestrian turned and started to walk westbound in the crosswalk and stepped in front of VI's path. Pedestrians legs were flipped out from underneath and the upper body and head smashed into the windshield. The pedestrian rolled up and off the left A-Pillar of VI, as VI was able to stopped about 15 feet beyond the final rest of the pedestrian. Pedestrian was hospitalized and in intensive care for two days..

			B. PED	ESTRIAN PR	OFILE		
Pedestrian			Treatment/		Most (TO BE COMPLE	Severe	Injury ZONE CENTER)
No.	Age	Sex	Mortality	Body Region	Ana. Struc.	AIS	Injury Source
01	49	Male	Hospitalized	brain	hematoma	4	A-pillar

Type of Anatomic Structure	Abbreviated Injury Scale
Whole Area Vessels Nerves Organs Skeletal Head-LOC Skin-Burn	 (1) Minor injury (2) Moderate injury (3) Serious injury (4) Severe injury (5) Critical injury (6) Maximum (untreatable) (7) Injured, unknown severity
	Whole Area Vessels Nerves Organs Skeletal Head-LOC

C. VEHICLE PROFILE									
Mahi da	Class		Most Severe Damage Based on Vehicle Inspection						
Vehicle No.	of Vehicle	Year/Make/Model	Damage Pl ane	Damage Description					
01	Sub-Compact	92/Toyota/Corolla	Front	Small dents to hood Scupffed Bumper Severe crush into windshield					

DO NOT SANITIZE THIS FORM

External

Administration

U.S. Department of Transportation National Highway Traffic Safety

ACCIDENT COLLISION DIAGRAM

NATIONAL ACCIDENT SAMP CRASHWORTHINESS D

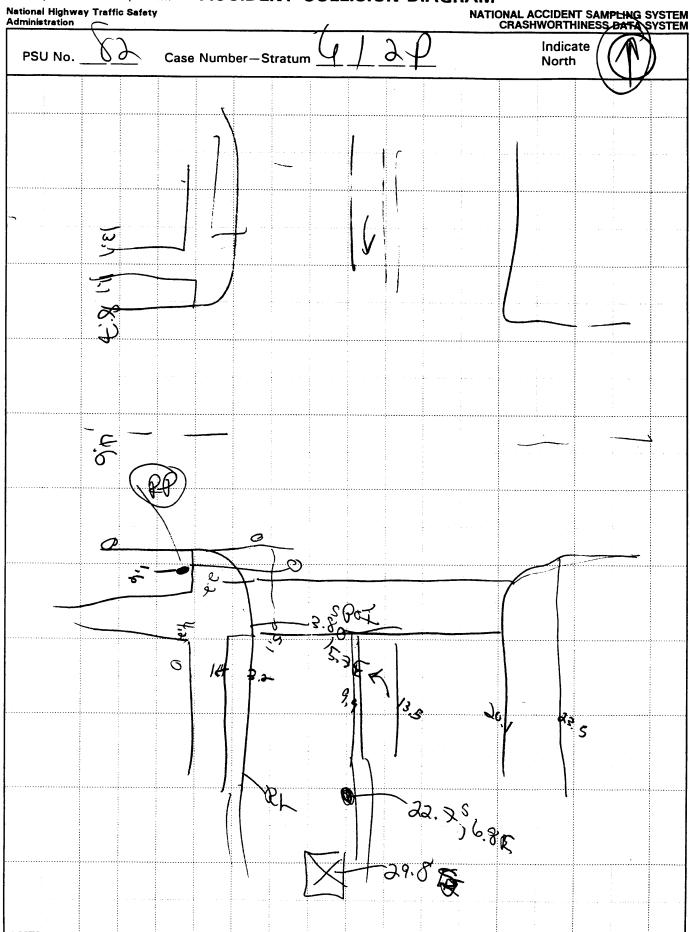
Scale: 1 centimeter =

Indicate 0 PSU No. Case Number - Stratum North Final Root moted - are at proximated presents 0 PED -Reference Line Ped le Signal Walk Signal Sidwelk N. B. Started near in middle of street HS Form 431B (1/94)



HS Form 431B (1/94)

ACCIDENT COLLISION DIAGRAM



Scale: 1 centimeter =

meters



National Highway Traffic Safety

PEDESTRIAN ACCIDENT COLLISION **MEASUREMENT TABLE**

NATIONAL ACCIDENT SAMPLING SYSTEM

Administration PEDESTRIAN CRASH DATA STUDY **Primary Sampling Unit Number** Case Number—Stratum 6 PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION SCALED DIAGRAM document reference point and reference line Surface Type relative to physical features * north arrow placed on diagram documentation of all accident induced Surface Condition physical evidence including (if applicable)::: grade measurements for all applicable roadways. a) vehicle skid marks Coefficient of Friction b) pedestrian contacts with ground or: scaled representations of the physical plant object: includina: Grade (v/h) Measurement c) vehicle/pedestrian-point of impact (POI). a) at impact a) all road/roadway delineation (e.g., d) location of pedestrian separation point crosswalks, curbs/edge lines, lane b) between impact from vehicle: markings, medians, pavement markings, and final rest parked vehicles, poles, signs, etc.) f) final resting points (FRP) for pedestrian and vehicle b) all traffic controls (e.g., lights, signs) Pedestrian Travel Direction * documentation of the physical plant: scaled representations of the vehicle and including: pedestrian at pre-impact, impact, and final Vehicle Travel Direction rest based upon either: a) all road/roadway delineation (e.g., crosswalks, curbs/edge lines, lane Number of Travel Lanes markings, medians, pavement markings, parked vehicles, poles, signs, etc.) a) physical evidence, or b) all traffic controls (e.g., lights, signs) b) reconstructed accident dynamics

Entrech.	Nereleffice line	
ltem	Distance and Direction from Reference Point	Distance and Direction from Reference Line
All mesourements are		
alebooximuted with		
intress at Scene		
armx. P.O.I.	28.8	5.7E
Fral Rest of PED	24.65	6.8E
Final Ret of Veh.	29.88	n some land
· ·		



National Highway Traffic Safety Administration

PEDESTRIAN ACCIDENT FORM NATIONAL ACCIDENT SAMPLING SYSTEM

PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

2. Case Number - Stratum

IDENTIFICATION

3. Number of General Vehicle Forms Submitted

0 1

4. Date of Accident (Month, Day, Year).



5. Time of Accident

Code reported military time of accident.

NOTE: Midnight = 2400

Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check (J) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. ___SS15 Administrative Use

0

7. ______SS16 Pedestrian Crash Data Study

1

8. SS17 Impact Fires

0

9. ___SS18 ____

0

10. SS19

0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident

PEDESTRIAN STUDY CRITERIA

Pedestrian Definition:

Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.

Persons in or on a nonmotorist conveyance are not pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.

Case Selection Criteria:

A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.

The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.

The pedestrian may not be lying or sitting.

The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.

The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

		PEDESTRIAN	ACCIDENT	T EVENTS		
Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. <u>0</u> <u>1</u>	13. <u>0</u> <u>1</u>	14.	15.	16. <u>7 2</u>	17. <u>0 0</u>	18. <u>0</u>

CODES FOR CLASS OF VEHICLE

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 254 cm)
- (02) Compact (wheelbase \geq 254 but < 265 cm)
- (03) Intermediate (wheelbase ≥ 265 but < 278 cm)
- (04) Full size (wheelbase ≥ 278 but < 291 cm)
- (05) Largest (wheelbase ≥ 291 cm)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 4,500 kgs GVWR)
- (13) Passenger van (≤ 4,500 kgs GVWR)
- (14) Other van (≤ 4,500 kgs GVWR)
- (15) Pickup truck (≤ 4,500 kgs GVWR)
- (18) Other truck (≤ 4,500 kgs GVWR)
- (19) Unknown light truck type

CODES FOR GENERAL AREA OF DAMAGE (GAD)

CDS APPLICABLE VEHICLES

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

Collision with Nonfixed Object

(72) Pedestrian



PEDESTRIAN ASSESSMENT FORM

Form Approved

O.M.B. No. 2127-0021

drinistration	NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY
1. Primary Sampling Unit Number	10. Pedestrian's Weight Code actual weight to the nearest
2. Case Number - Stratum 6 P	kilogram. (999) Unknown
3. Pedestrian Number <u>0 1</u>	pounds X .4536 =
PEDESTRIAN'S CHARACTERISTICS	PEDESTRIAN'S PRE-AVOIDANCE ACTIONS
4. Pedestrian's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	11. Pedestrian Attitude (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify): (9) Unknown
5. Pedestrian's Sex (1) Male (2) Female - not reported pregnant (3) Female - pregnant-1st trimester (1st-3rd month) (4) Female - pregnant-2nd trimester (4th-6th month) (5) Female - pregnant-3rd trimester (7th-9th month) (6) Female - pregnant-term unknown (9) Unknown	12. Pedestrian Motion (0) Not moving (1) Walking slowly (2) Walking rapidly (3) Running or jogging (4) Hopping (5) Skipping
6. Pedestrian's Overall Height Code actual height to the nearest centimeter. (999) Unknown	(6) Jumping (7) Falling/stumbling or rising (8) Other (specify): (9) Unknown
7. Pedestrian's Height - Ground to Knee Code to the nearest centimeter. (999) Unknown	13. Pedestrian's Action Relative to Vehicle (00) Stopped (01) Crossing road, straight (02) Crossing road, diagonally (03) Moving in road, with traffic (04) Moving in road, against traffic (05) Off road, approaching road
8. Pedestrian's Height - Ground to Hip Code to the nearest centimeter. (999) Unknown	(06) Off road, going away from road (07) Off road, moving parallel (08) Off road, crossing driveway (09) Off road, moving along driveway (98) Other (specify): (99) Unknown
9. Pedestrian's Height - Ground to Shoulder Code to the nearest centimeter. (999) Unknowninches X 2.54 = centimeters	Relative to Striking Vehicle Prior to Avoidance Actions (1) Facing vehicle (2) Facing away (3) Left side to vehicle (4) Right side to vehicle (8) Other(specify): (9) Unknown

National Accident Sampling System-Crashworthiness Da	ta System: Pedestrian Assessment Form Pag
PEDESTRIAN'S AVOIDANCE ACTIONS	0.0
	18. Pedestrian's Arm Orientation $\mathcal{U} \mathcal{U}$
	at Initial Impact
()	(01) At sides
15. Pedestrian's First Avoidance Actions	(02) Folded across chest
(00) No avoidance actions	(03) Hands clasped behind back
(01) Stopped	(04) Hands on hips
(02) Accelerated pace	(05) Hands in pockets
(03) Ran away (along vehicle path)	·
(04) Jumped	One or both arms:
(05) Turned toward vehicle	(06) Extended upward
(06) Turned away from vehicle	(07) Extended to side
(07) Dove or fell away	(08) Extended forward bracing
	(09) Extended, holding object
Used hand(s) to :	(briefcase, suitcase, etc.)
(11) Vault corner of vehicle	(10) Holding object (young child,
(12) Vault onto vehicle	grocery bag, etc.) in arm(s)
(13) Brace against vehicle	(11) Holding object (young child, grocery
(14) Crouched and braced hands against	bag, etc.) on shoulder(s) or head
vehicle	(98) Other (specify):
(98) Other (specify):	(99) Unknown
(99) Unknown	
(65) Ciliatoviii	19. Pedestrian's Leg Orientation
	at Initial Impact
	(01) Together
DEDECTRIANCE ORIENTATION AT MARKET	(02) Apart-laterally
PEDESTRIAN'S ORIENTATION AT IMPACT	•
	(03) Apart-right leg forward
	(04) Apart-left leg forward
	(05) Apart- forward leg unknown
16. Pedestrian's Head Orientation	(06) Left foot off the ground
at Initial Impact	(07) Right foot off the ground
(1) To front	(08) Both feet off the ground
(2) To left	(98) Other (specify):
(3) To right	(99) Unknown
(4) Up	0 4
(5) Down	20. Vehicle/Pedestrian's Interaction
(8) Other (specify):	(01) Carried by vehicle, wrapped position
(9) Unknown	(02) Carried by vehicle, slid to windshield
	(03) Carried by vehicle, position unknown
,	(04) Passed over vehicle top
17. Pedestrian's Body (Chest) Orientation	(05) Thrown straight forward
at Initial Impact	(06) Thrown forward and left of vehicle
(1) Facing vehicle	(07) Thrown forward and right of vehicle
(2) Facing away	(08) Knocked to pavement, forward
(3) Left side to vehicle	(09) Knocked to pavement, left of vehicle
(4) Right side to vehicle	(10) Knocked to pavement, right of vehicle
(8) Other (specify):	(11) Knocked to pavement, run over or
(9) Unknown	dragged by vehicle
,	(12) Shunted to left (corner impacts only)
	(13) Shunted to right (corner impacts only)
	(14) Bumped or pushed aside
	(15) Snagged, rotated
	(16) Snagged, dragged by vehicle
	(17) Foot or legs run over
	(98) Other (specify):

(99) Unknown

1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	OFFICIAL RECORDS		INJURY CONSEQUENCES
21.	 Police Reported Alcohol Presence For Pedestrian (0) No alcohol present (1) Yes alcohol present (7) Not reported (9) Unknown 		25. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown
22.	. Alcohol Test Result For Pedestrian Code actual value (decimal implied before first digit—0.xx) (95) Test refused (96) None given (97) AC (Alcohol Content) test performed, results unknown (99) Unknown if test given	44	(6) Died prior to accident (9) Unknown 26. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):
	Source:	-	Nonfatal (3) Hospitalization
	Police Reported Other Drug Presence For Pedestrian (0) No other drug(s) present (1) Yes other drug(s) present (7) Not reported (9) Unknown	Q	(4) Transported and released (5) Treatment at scene - non-transported (6) Treatment later (8) Treatment - other (specify): (9) Unknown
	Other Drug Specimen Test Result For Pedestrian (0) No specimen test given (1) Drug not found in specimen (2) Drug found in specimen, (specify): (3) Specimen test given, results unknown or not obtained (9) Unknown	Q	27. Type Of Medical Facility (for Initial Treatment) (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify): (9) Unknown
			28. Hospital Stay
			(00) Not Hospitalized Code the number of days (up through 60) that the pedestrian stayed in a hospital. (61) 61 days or more (99) Unknown
			29. Working Days Lost Code the number of days (up through 60) that the pedestrian lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown
			Sim

CTOR MARKET TO THE CONTROL OF THE CO	tta System: Pedestrian Assessment Form Page
STOP - VARIABLES 30 THROUGH 37	ARE COMPLETED BY THE ZONE CENTER
2.2	
30. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured	34. 1st Medically Reported Cause of Death O
(01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the	35. 2nd Medically Reported Cause of Death
initial GCS Score recorded at medical facility.	36. 3rd Medically Reported Cause of Death
(97) Injured, details unknown (99) Unknown if injured	injury(s) which reportedly contributed to
31. Was the Pedestrian Given Blood? (1) No - blood not given	this pedestrian's death (00) Not fatal or no additional causes
(2) Yes - blood given (specify units):	(96) Mode of death given but specific injuries are not linked to cause of death. (specify):
(9) Unknown if blood given	
32. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured	(97) Other result (includes fatal ruled disease) (specify):(99) Unknown
(01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown	
(97) Injured, details unknown (99) Unknown if injured	37. Number of Recorded Injuries for This Pedestrian
	Code the actual number of injuries recorded for this pedestrian.
33. Time to Death Code number of hours from time of	(00) No recorded injuries (97) Injured, details unknown
accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day	(99) Unknown if injured
=31, 2 days = 32, n days = 30 + n up through 30 days = 60)	
(00) Not fatal (96) Fatal - ruled disease (99) Unknown	(382 BAC)
ADE ALL ADDITIONS OF THE STATE	
ARE ALL APPLICABLE MEDICAL RECORDS	INCLUDED WITH INITIAL SUBMISSION?
NO M	YES[]

NO[] YES

UPDATE CANDIDATE?



U.S. Department of Transportation **National Highway Traffic Safety** Administration

PEDESTRIAN INJURY FORM

Form Approved O.M.B. No. 2127-0021

Water ...

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number Case Number - Stratum

- 3. Pedestrian Number
- 4. Blank

<u>X X</u>

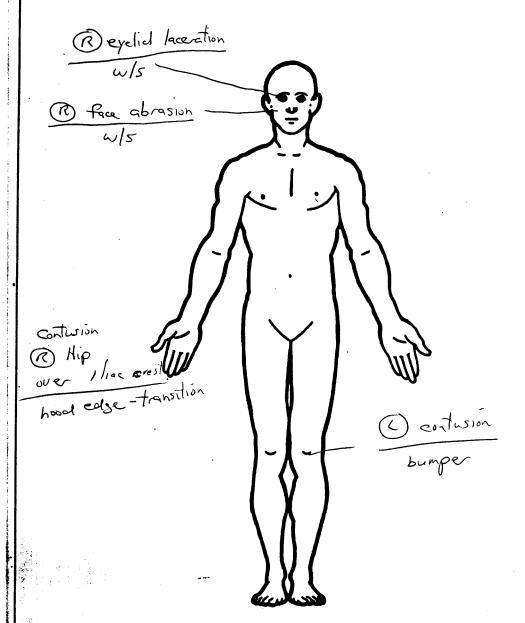
INJURY DATA

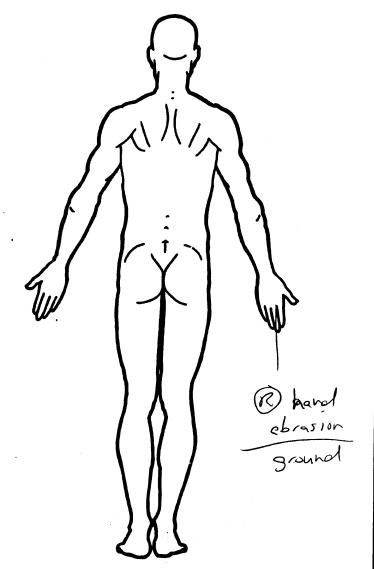
Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

		-		AIS-90					Injury				
	Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	injury Source	Source Confidence Level	Direct/ Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
1et	5. 2	<u>. 8</u>	<u>,5</u>	<u>s. J. 6</u>	s. <u>06</u>	10, 2	11.	12. 700	13	14	16.	18. <u>2</u>	<u>17.</u> 2
2nd	18. 2	19. 7	20 .5	<u>21.</u> 34	_{22.} <u>08</u>	23. <u>3</u>	24	25. <u>700</u>	26,	27	28	_{29.} <u>2</u>	30. <u>A</u>
3rd	31	32. <u>8</u>	33 <u>.</u> 5	34. <u>16</u>	<u>36.○€</u>	<u>₃, À</u>	37. 丄	38. <u>700</u>	39	40	41	<u>42.</u> <u>⊃</u>	43. <u></u>
4th	44.2	45. 8	48. 5	<u>47.34</u> .	<u>22</u>	49. <u>3</u>	50. <u> </u>	51. <u>700</u>	52	53. <u> </u>	54.	₆₆ , <u>2</u>	_{56.} <u>2</u>
5th	_{57.} <u></u>	58. 8	59. 7	80. <u>04</u> (_{n.} <u>0 ユ</u>	62	63. <u>1</u>	e4. <u>103</u>	66. <u> </u>	66	<u>67.</u> <u>3</u>	 3	ee. <u>3</u>
6th	70 . <u></u>	71. 8	72	73. <u>7</u> 4	4. <u>02</u>	76	76. 2	77. <u>700</u>	78	79. <u>/</u>	80	81. <u>2</u>	82. <u>2</u>
7th	83. 2	84	85. 5	86. <u>2</u> 2	n. <u>00</u>	88. <u>2</u>	89	90. <u>774</u>	91	92	93. 5	94.3	95. <u>3</u>
8th	96	97.2	98. 9	99: <u>0</u> 21	<u>೦೨</u>	101	102	103. <u>775</u>	104.	105	106. 2	107.5	108. 4
9th	109. 2	110.2	111.9	112.76,	13. <u>00</u>	114	115	116. <u>775</u>	117	118	118. <u>Z</u>	120.5	121. 4
lOth	122	123. 2	124,5	126. 18	e. <u>00</u>	127. 2	128	129. <u>722</u>	130	131. 🗸	132. <u> </u>	133.3	134.2

Source of Philips Sour	PEDESTRIAN INJURY DATA													
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		f Injury	-	Anatomic	Specific Anatomic			Aspect		Source Confidence	Indirect		Of	Damage Depth
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1th	<u>J</u>	2	5	08	* ≰	۰۰ï, ک	Ĩ	1 <u>1</u> 22			<i></i> 4	*3*	3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2th	2_	<u>2</u>	5_	12	<u>02</u>	2	1	<u> 122</u>	1	1	4	3	3
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3th	2	2	<u>5</u>	<u>18</u>	<u>00</u>	<u>a</u>	2	<u>722</u>	<u> </u>	<u>L</u>	4	3	3
1eth $\frac{2}{2}$ $\frac{1}{2}$ $\frac{4}{2}$ $\frac{6}{2}$ $\frac{18}{2}$ $\frac{4}{2}$ $\frac{1}{2}$ $\frac{1}{22}$ $\frac{1}{2}$ $\frac{4}{2}$ $\frac{3}{2}$ 17th $\frac{2}{2}$ $\frac{1}{2}$ $\frac{6}{2}$ $\frac{6}{2}$ $\frac{6}{2}$ $\frac{6}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{4}{2}$ $\frac{3}{2}$ 18th $\frac{2}{2}$ $\frac{6}{2}$ $\frac{5}{2}$ $\frac{6}{2}$ $\frac{6}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{4}{2}$ $\frac{3}{2}$ 19th $\frac{2}{2}$ $\frac{6}{2}$ $\frac{5}{2}$ $\frac{6}{2}$ $\frac{6}{2}$ $\frac{1}{2}$	4th	2	1	<u>4</u>	<u>06</u>	<u>84</u>	3_	1	<u>72</u> 2	1		4	3	3
17th $\frac{1}{2}$ $\frac{1}{2}$ $\frac{6}{2}$ $\frac{08}{2}$ $\frac{02}{3}$ $\frac{3}{2}$ $\frac{722}{122}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{4}{3}$ $\frac{3}{18th}$ $\frac{2}{2}$ $\frac{6}{2}$ $\frac{5}{2}$ $\frac{02}{20}$ $\frac{00}{2}$ $\frac{2}{6}$ $\frac{6}{122}$ $\frac{1}{2}$ $\frac{2}{2}$ $\frac{4}{3}$ $\frac{3}{20th}$ $\frac{2}{2}$ $\frac{7}{2}$ $\frac{9}{2}$ $\frac{02}{2}$ $\frac{02}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{947}{1}$ $\frac{1}{2}$ $\frac{0}{2}$ $\frac{02}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{947}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{0}{2}$ $\frac{02}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{0}{2}$ $\frac{02}{2}$ $\frac{1}{2}$ 1	5th	<u>ට</u>	1	4	<u>06</u>	<u>52</u>	<u>4</u>	1	722			4	3	3
18th $\frac{2}{3}$ $\frac{6}{5}$ $\frac{5}{02}$ $\frac{6}{00}$ $\frac{2}{20}$ $\frac{6}{122}$ $\frac{1}{2}$ $\frac{2}{3}$ $\frac{4}{3}$ 19th $\frac{2}{3}$ $\frac{6}{5}$ $\frac{5}{02}$ $\frac{6}{00}$ $\frac{2}{20}$ $\frac{6}{122}$ $\frac{1}{2}$ $\frac{2}{3}$ $\frac{4}{3}$ 20th $\frac{2}{3}$ $\frac{7}{3}$ $\frac{9}{02}$ $\frac{6}{02}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{9}{12}$ $\frac{1}{12}$ $\frac{1}$	8th	2	1	<u>4</u>	<u>06</u>	78	4	1	<u>722</u>	1		4	3	3
19th 2 6 5 02 00 2 6 722 1 2 4 3 20th 2 7 9 02 02 1 1 947 1 1 0 0 21st	7th	2	1	6	<u>08</u>	<u>02</u>	3	2	<u>72</u> 2	1	<u></u>	4	3	3
20th 2 7 9 02 02 1 1 947 1 1 0 0 21st	3th	2	_6	5	<u>02</u>	<u> </u>	2	6	<u> 122</u>		<u>2</u>	<u>4</u>	_3	3
21st	9th (2 –	<u>6</u>	5	<u>02</u>	<u>00</u>	2	<u>6</u>	722	1	2	<u>4</u>	3	3
22nd	Oth ^C	2	7	1	으로	<u>02</u> .	1	<u>L</u>	947	1	<u>L</u>	<u>0</u>	0	2
	lst		_	_				<u></u>			<u>-</u>			
23rd	nd			_			_	_				_	{	
	lrd	<u> </u>		_				_				_		
24th	ith		_					_		_			_	_
25th	ith	_	_					_				_		

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





Page

Injury not from vehicle contact No damage/contact (1) Autopsy records with or without hospital/ (3) Possible medical records Scratch Unknown (2) Hospital/medical records other than (3) Dent emergency room (e.g., discharge **DIRECT/INDIRECT INJURY** (4) Large deformation summary) (5) Cracked, fractured, shattered Separated from vehicle Direct contact injury (6) Emergency room records only (including Indirect contact injury Noncontact injury associated X-rays or other lab reports) Noncontact injury Other specify: Injured, unknown source Private physician, walk-in or emergency Unknown clinic STRIKING PROFILE Injury not from vehicle contact Flat-Narrow (<15 centimeters) DAMAGE DEPTH HOFFICIAL (0) Injury not from vehicle contact (8) Lay coroner report Flat-Wide (≥ 15 centimeters) No residual damage E.M.S. personnel Rounded (contoured) Surface only damage Crush depth >0 to 2 centimeters Crush depth >2 to 5 centimeters (3) Interviewee Rounded edge Other source (specify): **(6)** Sharp edge Other (specify): (8) Crush depth >5 to 10 centimeters (8) Other specify: (9) Unknown Unknown PEDESTRIAN INJURY CLASSIFICATION **Body Region** Specific Anatomic Structure Abbreviated Injury Scale Cervical Whole Area (02) Skin - Abrasion (04) Skin - Contusion (06) Skin - Laceration Head Thoracic Minor injury (2) Face (06) Lumbar Moderate injury (3) Neck (3) Serious injury Vessels, Nerves, Organs. Bones, Joints are assigned consecutive two digit (4) Thorax Severe injury Critical injury (4) (5) Abdomen Skin - Avulsion (5) (6) Spine (10) Amputation numbers beginning with 02 Maximum (untreatable) **Upper Extremity** (20) Bum (7)Injured, unknown severity (8) **Lower Extremity** (30) Crush Level of Injury Unspecified (40) Degloving Aspect (50) Injury - NFS Specific injuries are assigned Type of Anatomic Structure Trauma, other than mechanical (90) consecutive two-digit numbers beginning with 02. Right (1) (2) Left Whole Area Head - LOC (02) Length of LOC (04, 08, 08) Level of Consciousness Bilateral Vessels To the extent possible, within the (4)Central (3) (4) Nerves organizational framework of the AIS, 00 (5) Anterior Organs (includes muscles/ (10) Concussion is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic **Posterior** ligaments) (7)Superior Skeletal (includes joints) (8) Inferior Head - LOC structure. 99 is assigned to any injury Unknown Skin NFS as to lesion or severity. Whole region **INJURY SOURCE** Wheels / tires 790 Left front wheel / tire 700 Front bumper 744 B pillar 701 Front lower valance/spoiler 745 C pillar 791 Right front wheel / tire 702 Front grille 746 D pillar 792 Left rear wheel / tire 703 Hood edge and/or trim 748 Other pillar (specify): 793 Right rear wheel /tire 704 Hood ornament (fixed) 749 Right side roof rail 798 Other wheel / tire (specify): 705 Hood ornament (spring loaded) 750 Right side door surface 799 Unknown wheel / tire 751 Right side door handle 706 Headlight 707 Retractable headlight door (Open/Closed) 752 Right side mirror fixed housing Undercarriage components 708 Turn signal/parking lights 753 Right side folding mirror 800 Front crossmember 718 Other front or add on object 754 Right side glazing forward of B pillar 801 Steering assembly/Front suspension (specify): 755 Right side glazing rearward of B pillar 802 Oil pan 719 Unknown front object 756 Rear antenna 803 Exhaust system pipe 757 Rear fender or quarter panel 804 Transmission Left Side Components 758 Other right side object 805 Drive shaft 720 Front fender side surface (specify): 806 Catalytic converter 721 Front antenna 759 Unknown right side component 807 Muffler 722 A1 pillar 808 Floor pan 723 A2 pillar **Back Components** 809 Fuel tank 724 B pillar 760 Rear (back) bumper 810 Rear suspension 725 C pillar 761 Tailgate 818 Other undercarriage component 726 D pillar 762 Hatchback, vertical surface (specify): 728 Other pillar 768 Other back component 819 Unknown undercarriage component (specify): (specify): 729 Left side roof rail 769 Unknown back component **Accessories** 730 Left side door surface 820 Air scoop, deflector 731 Left side door handle Top Components 821 Cellular or CB radio antenna 732 Left side mirror fixed housing 770 Hood surface 822 Emergency lights or bar 733 Left side folding mirror 771 Hood surface reinforced by under hood 823 Fog lights 734 Left side glazing forward of B pillar 824 Luggage, ski, or bike rack 735 Left side glazing rearward of B pillar 772 Front fender top surface 825 Cargo (specify):_ 736 Left side back fender or quarter panel 773 Cowi area 826 Spare tire 737 Rear antenna 774 Wiper blade & mountings 827 Spotlight 738 Other left side object 775 Windshield glazing 828 Other accessory (specify): (specify): 776 Front header 739 Unknown left side component 777 Roof surface Other Object or Vehicle in Environment 778 Backlight glazing

779 Rear header

781 Rear trunk lid

788 Other top component (specify):

789 Unknown top component

780 Hatchback

INJURY SOURCE CONFIDENCE LEVEL

Certain

(2)

TYPE OF DAMAGE

947 Ground

948 Other object (specify):

997 Noncontact injury source

999 Unknown injury source

949 Unknown object in environment

959 Unknown object on contacting vehicle

SOURCE OF INJURY DATA

OFFICIAL

Right Side Components

741 Front antenna

742 A1 pillar

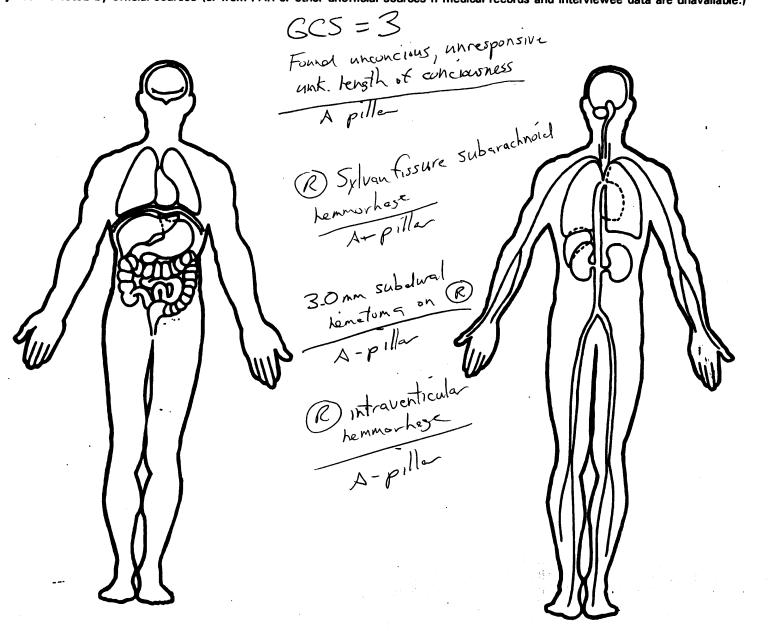
743 A2 pillar

740 Front fender side surface

Page

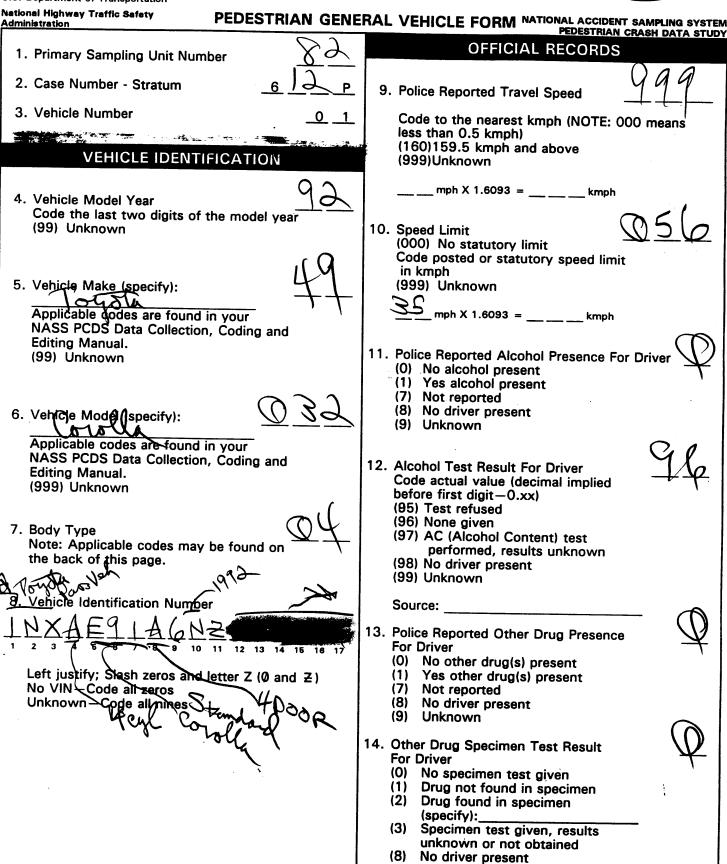
OFFICIAL INJURY DATA - INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





National Highway Traffic Safety



(9) Unknown

CODES FOR BODY TYPE

CDS APPLICABLE VEHICLES

Automobiles

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify):
- (09) Unknown automobile type

Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

Utility Vehicles (≤ 4,500 kgs GVWR)

- (14) Compact utility (Jeep CJ-2 CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (18) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

Van Based Light Trucks (≤ 4,500 kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van (≤ 4,500 kgs GVWR)
- (23) Van based motorhome (≤ 4,500 kgs GVWR)
- (24) Van based school bus (≤ 4,500 kgs GVWR)
- (25) Van based other bus (≤ 4,500 kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify):
- (29) Unknown van type

Light Conventional Trucks (Pickup style cab, ≤ 4,500 kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

Other Light Trucks (≤ 4,500 kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (45) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

OTHER VEHICLES

Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify):
- (59) Unknown bus type

Medium/Heavy Trucks (> 4,500 kgs GVWR)

- (60) Step van (> 4,500 kgs GVWR)
- (61) Single unit straight truck (4,500 kgs < GVWR ≤ 8,850 kgs)
- (62) Single unit straight truck (8,850 kgs < GVWR ≤ 12,000 kgs)
- (63) Single unit straight truck (> 12,000 kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer(68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- (81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify):
- (89) Unknown motored cycle type

Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

VEHICLE WEIGHT ITEMS	RECONSTRUCTION DATA
15. Vehicle Curb Weight Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown bs x .4536 = 1,0 2 kgs	18. Impact Speed (NOTE: 000 means greater than .5 kmph) (160)159.5 kmph and above (999)Unknown
Source: 92 16. Vehicle Cargo Weight	19. Accuracy Range of Impact Speed Estimate (0) No reconstruction (1) Less than 2 kmph (2) ≥ 2 kmph and ≤ 8 kmph (3) ≥ 9 kmph and ≤ 16 kmph (4) ≥ 17 kmph and ≤ 26 kmph (9) Unknown
(000) Less than 5 kilograms (450) 4,500 kilograms or more (999) Unknown	20. Data Source of Impact Speed (0) No impact speed calculated (1) Zone center calculation (2) Police calculation (3) Driver/witness/police estimates
OTHER DATA 17. Vehicle Special Use (This Trip) (0) No special use (1) Taxi (2) Vehicle used as school bus (3) Vehicle used as other bus (4) Military (5) Police (6) Ambulance (7) Fire truck or car (8) Other (specify): (9) Unknown STOP - VARIABLES 18 THROUGH 20 ARE COMPLETED BY THE ZONE CENTER	21. Driver's Attention to Driving (Prior to Recognition of Critical Event) (1) Full attention to driving (2) Distracted by other occupant (3) Distracted by moving object in vehicle (4) Distracted by outside person, object, or event (5) Talking on cellular phone or CB radio (specify): (6) Sleeping or dozing while driving (8) Other (specify): (9) Unknown 22. Pre-Event Vehicle Movement (Prior to Recognition of Critical Event) (01) Going straight (02) Slowing or stopping in traffic lane (03) Starting in traffic lane (04) Stopped in traffic lane (05) Passing or overtaking another vehicle (06) Disabled or parked in travel lane (07) Leaving a parking position (08) Entering a parking position (09) Turning right (10) Turning left (11) Making a U-turn (12) Backing up (other than for parking position) (13) Negotiating a curve (14) Changing lanes (15) Merging (16) Successful avoidance maneuver to a previous critical event (97) Other (specify):
	(98) No driver present (99) Unknown

7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Page 19 Stern. Pedestrian General Venicle Form
23. Critical Precrash Event	(83) Pedalcyclist or other nonmotorist in roadway
This Vehicle Loss of Control Due To:	(specify):
(01) Blow out or flat tire	
(02) Stalled engine	(84) Pedalcyclist or other nonmotorist approaching
(03) Disabling vehicle failure (e.g., wheel fell off)	roadway (specify):
(specify):	(85) Pedalcyclist or other nonmotorist—unknown
(04) Non-disabling vehicle problem (e.g., hood flew	location (specify):
up) (specify):	Object or Animal
	(87) Animal in roadway
(05) Poor road conditions (puddle, pot hole, ice, etc.)	i i i i i i i i i i i i i i i i i i i
(specify):	(89) Animal—unknown location
(06) Traveling too fast for conditions	(90) Object in roadway
(08) Other cause of control loss (specify):	(91) Object approaching roadway
(00) [[-]	(92) Object—unknown location
(09) Unknown cause of control loss	(98) Other critical precrash event (specify):
This Vehicle Traveling	
(10) Over the lane line on left side of travel lane	(99) Unknown
(11) Over the lane line on right side of travel lane	\sim 1
(12) Off the edge of the road on the left side	24. Attempted Avoidance Maneuver
(13) Off the edge of the road on the right side	(00) No driver present
(14) End departure	(01) No avoidance actions
(15) Turning left at intersection	(02) Braking (no lockup)
(16) Turning right at intersection	(03) Braking (lockup)
(17) Crossing over (passing through) intersection	(04) Braking (lockup unknown)
(19) Unknown travel direction	(05) Releasing brakes
Other Motor Vehicle In Lane	(06) Steering left
(50) Stopped	(07) Steering right
(51) Traveling in same direction with lower speed	(08) Braking and steering left
(i.e., lower steady speed or decelerating)	(09) Braking and steering right
(52) Traveling in same direction with higher speed	(10) Accelerating
(53) Traveling in opposite direction	(11) Accelerating and steering left
(54) In crossover	(12) Accelerating and steering left
(55) Backing	
(59) Unknown travel direction of other motor vehicle	(98) Other action (specify):(99) Unknown
in lane	(99) Olikhown
Other Motor Vehicle Encroaching Into Lane	25. Precrash Stability After Avoidance Maneuver
(60) From adjacent lane (same direction)—over left	(0) No driver present
lane line	(1) No avoidance maneuver
(61) From adjacent lane (same direction)—over right	(2) Tracking
lane line	(3) Skidding longitudinally—rotation less than 30
(62) From opposite direction—over left lane line	degrees
(63) From opposite direction—over right lane line	(4) Skidding laterally—clockwise rotation
(64) From parking lane	(5) Skidding laterally—counterclockwise rotation
(65) From crossing street, turning into same direction	1 101 0.1 111 .
(66) From crossing street, across path	
	(9) Precrash stability unknown
(67) From crossing street, turning into opposite direction	
	26. Precrash Directional Consequences of
(68) From crossing street, intended path not known	Avoidance Maneuver (Corrective Action)
(70) From driveway, turning into same direction	(0) No driver present
(71) From driveway, across path	(1) No avoidance maneuver
(72) From driveway, turning into opposite direction	(2) Vehicle stayed in travel lane where avoidance
(73) From driveway, intended path not known	maneuver was initiated
(74) From entrance to limited access highway	(3) Vehicle stayed on roadway but left travel lane
(78) Encroachment by other vehicle—details	where avoidance maneuver was initiated
unknown	(4) Vehicle stayed on roadway, not known if left
Pedestrian or Pedalcyclist, or Other Nonmotorist	travel lane where avoidance maneuver was
(80) Pedestrian in roadway	initiated
(81) Pedestrian approaching roadway	(5) Vehicle departed roadway
(82) Pedestrian—unknown location	(6) Avoidance maneuver initiated off roadway
	(9) Directional consequences unknown

		ENVIRO	ONME	NT	ALI	DATA	
27.	(0) (1) <i>Non</i> (2) (3) (4)	ation to Junction Non-junction Interchange area a-Interchange Intersection Intersection-related Drive, alley access related Other non-interchange (specify):	3	33.	(1) (2) (3) (4) (5) (8)	Idway Surface Condition Dry Wet Snow and slush Ice Sand, dirt or oil Other (specify): Unknown	3
28.	(9) Traf (1) (2) (3)	Unknown type of non-interchange Unknown if interchange ficway Flow Not physically divided (two way traffic) Divided trafficway - median strip without positive barrier Divided trafficway - median strip with positive barrier One way trafficway Unknown	1	34.	(0) (1) Reg Cros		
	(1) (2) (3) (4)	nber of Travel Lanes One Two Three Four Five Six Seven or more Unknown	3	35.	(7) (8) (9) Traf (0) (1) (2)	Miscellaneous/other controls including F controls (specify): Unknown fic Control Device Functioning No traffic control Not Functioning Functioning	1R — — — — — — — — — — — — — — — — — — —
31.	(1) (2) (3) (9) Roac	dway Alignment Straight Curve right Curve left Unknown dway Profile Level	1	36.	(1) (2)	Unknown t Conditions Daylight Dark Dark Dark, but lighted Dawn Dusk Unknown	E
	(3) (4) (5) (9)	Hillcrest Sag Unknown	(•	Atm (1)	ospheric Conditions No adverse atmospheric related driving conditions Rain Sleet	2
	(1) (2) (3) (4) (5) (8)	Way Surface Type Concrete Bituminous (asphalt) Brick or Block Slag, gravel or stone Dirt Other (specify): Unknown	+		(4) (5) (6)	Snow Fog Rain and fog Sleet and fog Other (e.g., smog, smoke, blowing sand dust, etc.) (specify): Unknown	or



2. Case Number - Stratum

National Highway Traffic Safety Administration

PEDESTRIAN EXTERIOR VEHICLE FORM NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

١.	Primary	Sampling	Unit	Number	
	-	. •			

3 12 p

3. Vehicle Number

0 1

VEHICLE IDENTIFICATION

VIN INXAE91A6NZ

Model Year

Vehicle Make (specify):

Joyota

Vehicle Model (specify):

PEDESTRIAN FRONT CONTACT WORK SHEET

PEV06 Hood Material

PEV08 Hood Length

PEV09 Hood Width-Forward Opening

PEV10 Hood Width-Midway

PEV11 Hood Width-Rear Opening

PEV14 Front Bumper Cover Material

PEV15 Front Bumper Reinforcement Material

Steel/Nutrol
997 cm

 $\frac{3}{2}$ cm

_<u>3</u> 8 cm

Stamles Stal

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height

PEV17 Front Bumper-Top Height

PEV18 Forward Hood Opening

PEV19 Front Bumper Lead

 $\frac{37}{000} \text{ cm}$

WRAP DISTANCES

PEV20 Ground to Forward Hood Opening

PEV21 Ground to Front/Top Transition Point

PEV22 Ground to Rear Hood Opening

PEV23 Ground to Base of Windshield

PEV24 Ground to Top of Windshield

PEV25 Ground to Head Contact

3<u>75</u> 378

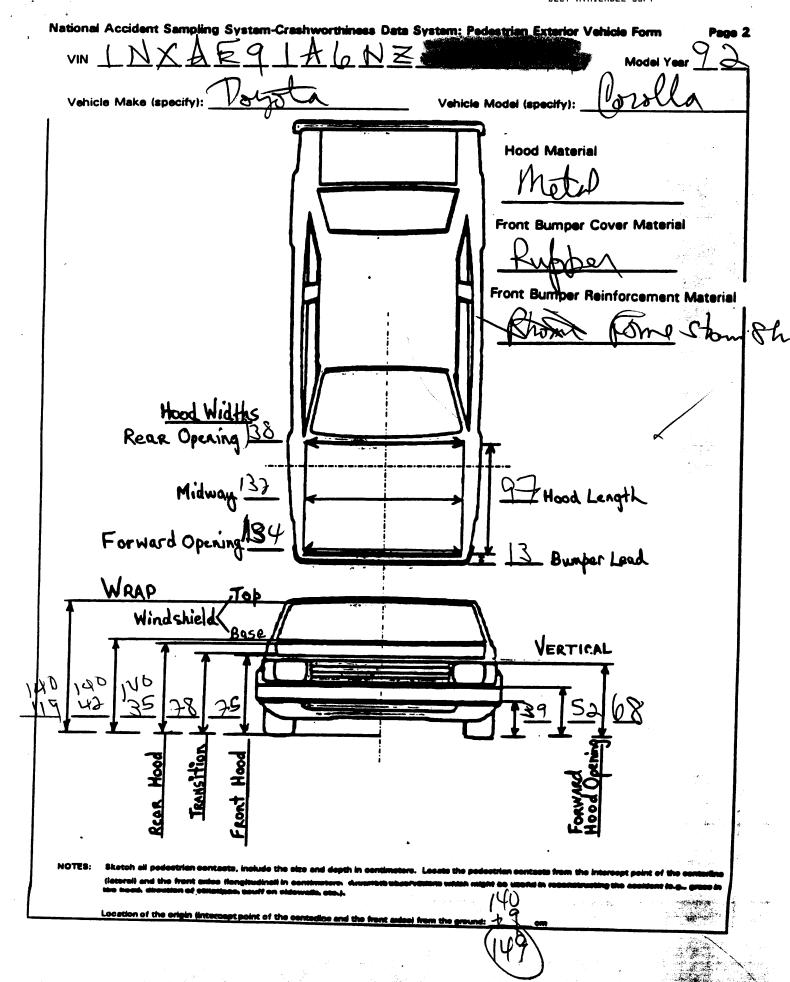
cm

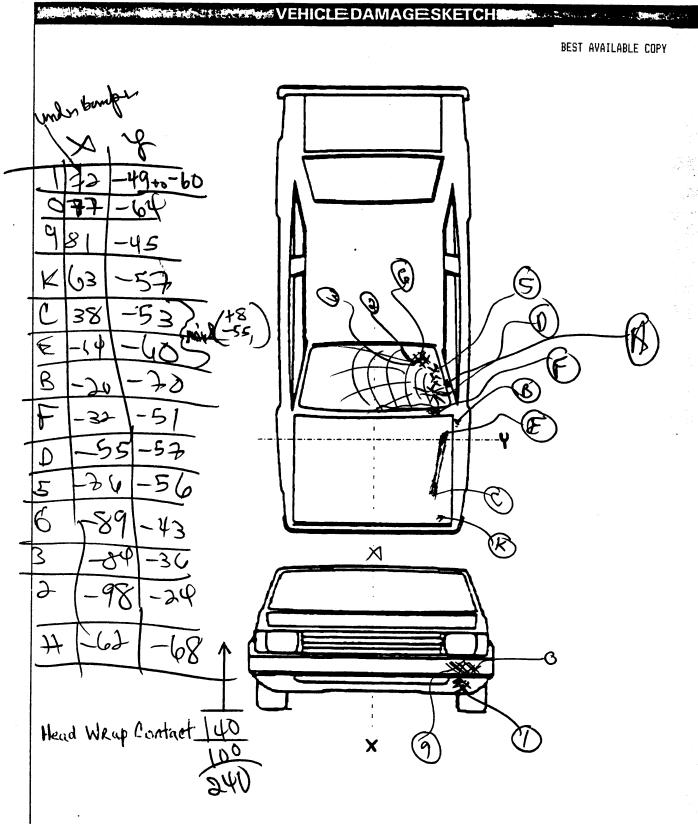
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cm

1 × 2 2 5 9 2 4 0

HS Form 0435K (Rev. 7/94)

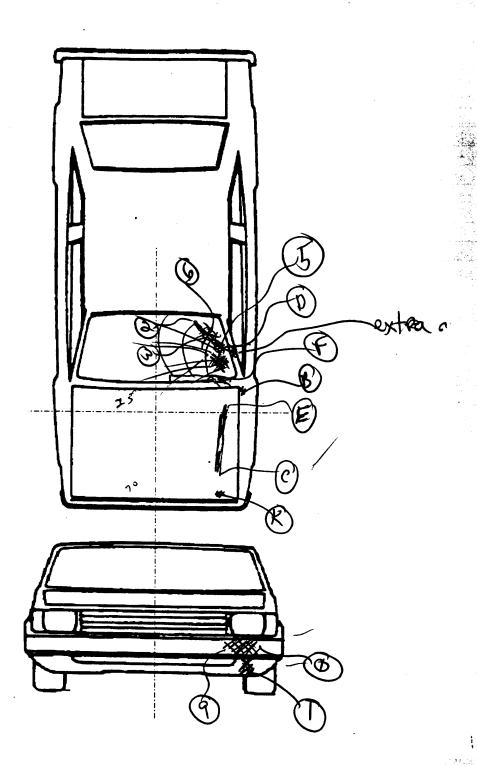




NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grees in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground:

VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axies (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

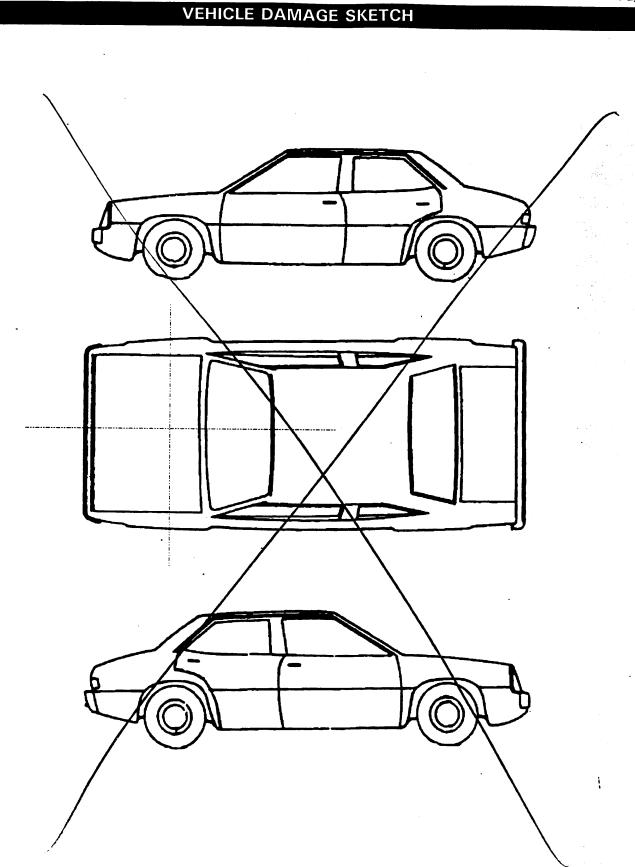
Location of the origin (intercept point of the centerline and the front axes) from the ground:

1 g cm

PEDESTRIAN SIDE CONTACT WORK	SHEET
PEV06 Hood Material	
PEV08 Hood Length	
PEV09 Hood Width-Ferward Opening	cm
PEV10 Hood Width-Midway	cm/
PEV11 Hood Width-Rear Opening	
VERTICAL MEASUREMENTS	
PEV26 Ground Clearance	cm
PEV27 Side Bumper-Bottom Height	cm
PEV28 Side Bumper-Top Height	cm
PEV29 Centerline of Wheel	cm
PEV30 Top of Tire	cm
PEV31 Top of Wheel Well Opening	cm
PEV32 Bottom of A-Pillar at Windshield	cm
PEV33 Top of A-Pillar at Windshield	cm
PEV34 Top of Side View Mirror	cm
LATERAL MEASUREMENTS	\
PEV35 C _L to A-Pillar at Bottom of Windshjeld	
PEV36 C _L to A-Pillar at Top of Windshield	\ cm
PEV37 C _L to Maximum Side View Mirror Protrusion	cm
1 2 0 0 10 maximum side view will for Protrusion	cm
WRAP DISTANCES	
PEV38 Ground to Side Top Transition	cm
PEV39 Ground to Heod Edge	cm
PEV40 Ground to Centerline of Hood (ORIGIN)	cm
PEV41 Ground to Head Contact	cm

ORIGINAL SPECIFICATIONS

	$0 \le 1$		0107
Wheelbase	$-\frac{\sqrt{3}}{2}$ inch	es x 2.54 =	$\Delta \Psi g$ cm
Overall Length	$\frac{1}{2}$ inch	es x 2.54 =	434 cm
Maximum Width	-5.2 inch	es x 2.54 =	<u> </u>
Curb Weight	$\frac{3}{2}$ $\frac{5}{5}$ pour	ds x .4536 =	1,0 2 kg
Average Track		es x 2.54 =	1 42 cm
Front Overhang	inch	es x 2.54 =	
Rear Overhang	inch	es x 2.54 =	$\sqrt{0}$ cm
Undeformed End Width	inch	es x 2.54 =	cm
Engine Size: cyl./displ.	cc	x .001 =	10 L
	CID	x .0164 =	L
			$\mathcal{T}\mathcal{Y}$



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axies (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground:

	Total Accident Camping Sy		voi umiess Date	System: Pedes	uian E	xterior Vehicle Form	Page 5	
	POINTS OF PEDESTRIAN CONTACT							
				IRIAN CONTACT				
		list co	NTACTS IN CH	Ronological di	IDEB			
3	COMPONENT			Same San France	4 40		MENAGINGE LEVEL OF	
			- [SUSPECTED	The same	THE PROJECT PROJECT	CONTROL POINT	
		120 _1/P	CENTIMETERS	BODY REGION			(Cirole)	
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	10 700 5	7 1 10	7 51	(Lea	2	D D	23. 3. 9	
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			CODES FOR COMPON	IPRITA AGRICA ARTO			<u> </u>	
			CODES FOR COMPON	IENIS CONTACTED				
FRONT		743	A2 piller		Wheels	l eft frant wheelfting		
700	Front bumper	744 745	B pillar C pillar		790	rest stotet Assessing	1	
701		748	D piller		791 792			
702		748	Other piller (specify):		793	Right rear wheel/tire	•.	
703 704		749 750	Right side roof rail Right side door surface		798	Other wheel/tire (specify):	·	
705	·····	750 751	Door handle		799	Unknown wheel/tire		
706 707	Headlight	752	Right side mirror fixed h		Underca	arriage components		
708	Retractable headlight door (Open/Closed) Turn signal/parking lights	753 754	Right side folding mirror Right side glazing forwa		800	Front crossmember		
718	Other front or add on object	755	Right side glazing rearwa	ra of B piller ard of B piller	801 802	Steering assembly/Front susper Oil pan	nsion	
719	(specify): Unknown front object	756	Rear antenna		803	Exhaust system pipe		
710	Circiowii Hone Object	757 758	Rear fender or quarter p Other right side object (s	anel	804 805	Transmission		
Left Sid	le Components		Unknown right side com		808	Drive shaft Catalytic converter		
720	_Front fender side surface	0 - 1 - 0 -			807	Muffler		
721	Front antenna	Back Con	nponents		808 808	Floor pan Fuel tank		
722	•	760	Rear (back) bumper		810	Rear suspension		
723 72 4	A2 piller B piller		Tailgate		818	Other undercarriage component		
725	•		Hatchback, vertical surfa Other back component (s		819	(specify):		
726	D pillar		Unknown back componer		010	ownown andercatuage compet	ient	
728 729	Other pillar (specify):	Ton Com			Accesso			
730	Left side door surface	Top Com	onents	•	820 821	Air scoop, deflector Cellular or CB radio antenna		
731	Door handle		Hood surface		822	Emergency lights or bar		
732 733	Left side mirror fixed housing Left side folding mirror			by underhood component	823	Fog lights		
734	Left side glazing forward of B pillar		Front fender top surface Cowi area		824 825	Luggage, ski, or bike rack Cargo (specify):	1	
735	Left side glazing rearward of B piller	THE !	Wiper blade & mountings	l	826	Spare tire	. i	
738 737	Left side back fender or quarter panel Rear antenna		Windshield glazing		827	Spotlight		
738	Other left side object (specify):		Front heeder Roef surface		828	Other accessory (specify):		
739	Unknown left side component	778	Backlight glazing		Other O	bject or Vehicle in Environment		
Right Si	de Components		Rear header Hatchback		848	Other object in environment		
		200	natenback Rear trunk lid		849	(specify):Unknown object in environment	Salah Magaya Salah	
740	Front fender side surface	788	Other top compenent (sp	ecify):	959	Unknown object on contacting t		
741 742	Front antenna A1 piller	789 (Unknewn top component	•	997	Noncontact injury source		
. 76	parer			•	999	Unknown injury source	A.	

									Atolici Vellicie Ful	m Page 5
POINTS OF PEDESTRIAN CONTACT										
				JST C	BNT A	CTS IN CH	RONDIOGICAL D	INER		
LIST CONTACTS IN CHRONOLOGICAL ORDER										
		COMPONENT	LONGITUDINAL		••		•			
		CONTACTED	LOCATION	LATAT		CHUŞK	SUCPECTED	1	ne 25 to 4 1	CONFIDENCE LEVEL OF
		CODE	00	m		CENTIMETERS	BODY REGION	-	WHEN PROPERTY PROPERTY.	CONTROL POINT
-	15	775	-1/	~5	7			 	4 0 21 1 0 1	(Chall)
-		715	D6		<u>\omega_ </u>	4-5	1 Journa	Sim	The Staped	1′) 2⊳ 3≩ 8∘
-		ナナラ	-89	-4			(K) HROW	11	s shaped	D 2 3 9 9
<u> </u>	33	726	-84	-3	ک	Smean	Feiro	Sme	are Disease	17) 22 38 8
	12	112	-98	~2	P	Streak	/	cam	a skin/Blod	1) 2. 3. 8
	5 H	722	- 42	7	_	1	Back	Rol		1 (2) 3 9
			V-		-	—	propre	1780	was all aver	1 2 3 8
-	7							 	V -	
								<u> </u>		1 22 34 9.
-										1 25 38 9
-	•									1 27 37 9
Щ_	18									1 2 3 9
					CODE	3 FOR COMPON	ENTS CONTACTED			A STATE OF THE STA
FRONT				743	A2 p	illar		Wheels	I tiree	
				744	B pill			790		
700	Front bum	•		745	C pill			791		8 July 1
701 702	Front Low	rer valance/spoiler		748 D piller			792			
703		and/or trim		748 Other piller (specify):			793 798	Right rear wheel/tire	•	
704	Hood oma	ment (fixed)		750 Right side door surface			799 799	Other wheel/tire (specify): _ Unknown wheel/tire	•	
705		ment (spring loaded)		751	Door	handle			OMMONIA MINOCETTA	
708 707	Headlight Retractable	le headlight door (Ope	nniClassel\	752 750		side mirror fixed h	ousing		erriage components	
708	Turn signs	.Vparking lights	Bit C 102661	753 754		side folding mirror side glazing forwar	od of D millon	800		
718	Other from	t or add on object		755		side glazing rearwa		801 802	Steering assembly/Front sus Oil pan	pension
	(specify):_			758	Rear	antenna	• • • • • • • • • • • • • • • • • • • •	803	Exhaust system pipe	
719	Unknown	front object		757		fender or quarter p		804	Transmission	
Left Sid	e Componer	nts		758 759		right side object (s own right side comp		805	Drive shaft	
				/50	UNKIR	own ugat side cow	Ionent	806 907	Catalytic converter Muffler	
720	_	er side surface		Back Co	mpone	nts		808	Floor pan	
721 722	Front ante	nna						809	Fuel tank	
722	A1 pillar A2 pillar			760 761		(back) bumper		810	Rear suspension	
724	B piller			781 782		ite back, vertical surfa	CO.	818	Other undercarriage compon	ent
725	C piller			768		back component (s		819	(specify):Unknown undercarriage com	nonent
72 6	D piller	r languiles		769		wn back componen		J.3	anadeaniage com	ponons
728 729	Left side n	r (specify): pof_rail		Tan Co-	nne=			Accesso		
730		oor surface		Top Con	wyn en t	<u>12</u>	•	820 821	Air scoop, deflecter Cellular or CB radio antenna	
731	Door hand	~		770		surface		822	Emergency lights or bar	• :
732 733		nirror fixed housing olding mirror		771	Hood :	surface reinforced b	y underhood component	823	Fog lights	jan (201
734		owing morer lazing forward of B (niller	772 773	Front Cowl	fender top surface		824	Luggaga, ski, or bike rack	30 mm - 1
735	Left side g	lazing rearward of B	piller	773 774		erea blade & mountings		825 826	Carge (specify):Spare tire	
736	Left side b	ack fender or quarte		775		hield glazing		827	Spetlight	
737 738	Rear anten	na side object (specify):		776	Frent			828	Other accessery (specify): _	4431,1 () ()
738 738	Unknows L	side object (spectry): oft side compenent		777 778	Reof s	surface ght glazing				22.
				778 779	Rear h				Diect or Vehicle in Environmen	
Right Sic	e Compone	nts	•	780	Hatchi			048	Other object in environment (specify):	
				781	Rear t	runk lid		940	Unknown chiect in coving	

788 Other top component (specify):

Nencentect injury source

Unknown injury source

789 Unknown top component

740 Frent fender side surface

741 Front antenna

742 A1 piller

VEHICLE DIMENSIONS	103
4. Original Wheelbase $3 \vee 3$	11. Hood Width Rear Opening
Code to the	nearest centimeter
nearest centimeter	(210) 210 centimeters or more
(999) Unknown	(999) Unknown
952	inches X 2.54 = centimeters
	centimeters
5. Original Average Track Width	12. Hood/Fender Vertical/Lateral Crush From
Code to the	Pedestrian
nearest centimeter	(0) Not damaged
(185) 185 centimeters or more	(1) Surface scratching only, no residual crush
(999) Unknown	(2) Minor crush (1-3 centimeters)
	(3) Moderate crush (4-7 centimeters) (4) Severe crush (>7 centimeters)
inches X 2.54 = centimeters	(8) Damage present, unknown if damage is
	from pedestrian impact
6. Hood Material	(9) Unknown
(1) Plastic	
(2) Fiberglass	13. Windshield Contact Damage
(3) Steel	From Pedestrian Contact
(4) Aluminum	(0) Not contacted by pedestrian
(5) Stainless Steel	(1) Contacted by pedestrian - not damaged
(8) Other (specify):	(2) Contacted by pedestrian - damaged (3) Unknown if contacted by pedestrian - not
(9) Unknown	damaged
7 Hood Original	(4) Unknown if contacted by pedestrian -
7. Hood Original Equipment Manufacturer (OEM)	damaged
(1) OEM factory installed hood	(9) Unknown if contacted by pedestrian -
(2) OEM replacement	unknown if damaged
(3) Non-OEM replacement	
(9) Unknown	FRONT CONTACT DAMAGE
094	Front Vertical Messurements
8. Hood Length Code to the	s source ad near westmanishing
nearest centimeter	14. Front Bumper Cover Material
(180) 180 centimeters or more	(0) No front contact
(999) Unknown	(1) Plastic
	(2) Fiberglass
inches X 2.54 = centimeter	(3) Rubber (4) Other (specify):
9 Hood Width Forward Organia	(4) Other (specify):(9) Unknown
9. Hood Width Forward Opening Code to the	(5) Shikhowh
nearest centimeter	15. Front Bumper Reinforcement Material
(210) 210 centimeters or more	(0) No front contact
(999) Unknown	(1) Steel
	(2) Aluminum
inches X 2.54 = centimeters	(3) Stainless Steel
10. Hood Width Midway	(4) Other (specify):
Code to the	(a) Similaria
nearest centimeter	16. Front Bumper-Bottom Height
(210) 210 centimeters or more	Code to the
(999) Unknown	nearest centimeter
	(000) No front contact
inches X 2.54 = centimeters	(150) 150 centimeters or more (999) Unknown
	(200) CHRIDANI
	inches X 2.54 = centimeters

				age
29.	Centerline of Wheel Code to the	<u>008</u>	Side Lateral Measurements	
	nearest centimeter (000) No side contact (150) 150 centimeters or more (999) Unknown		35. Centerline to A-Pillar at Bottom of Windshield (000) No side contact Code to the	7
	inches X 2.54 =	centimeters	nearest centimeter (250) 250 centimeters or more (999) Unknown	
30.	Top of Tire Code to the nearest centimeter	000	inches X 2.54 = centimeters	
	(000) No side contact		5100	\
	(200) 200 centimeters or more (999) Unknown		36. Centerline to A-Pillar at Top of Windshield Code to the	<u> </u>
	inches X 2.54 =	centimeters	nearest centimeter (000) No side contact (250) 250 centimeters or more	, .
31.	Top of Wheel Well Opening Code to the nearest centimeter	<u>000</u>	(999) Unknowninches X 2.54 =centimeter	
	(000) No side contact	!		
	(250) 250 centimeters or more (999) Unknown		37. Centerline to Maximum Side View Mirror Protrusion	<u>\</u>
	inches X 2.54 =	centimeters	Code to the	
-	Bottom of A-Pillar at Windshield Code to the nearest centimeter	000	nearest centimeter (000) No side contact (300) 300 centimeters or more (999) Unknown	
((000) No side contact (250) 250 centimeters or more (999) Unknown		inches X 2.54 = centimeter	
-	inches X 2.54 =	centimeters	Side Wrap Distance Measurements	
33. ⁻	Top of A-Pillar at Windshield Code to the	000	38. Ground to Side/Top Transition Code to the nearest centimeter	3
	nearest centimeter (000) No side contact (300) 300 centimeters or more		(000) No side contact (400) 400 centimeters or more	
((999) Unknown		(999) Unknown	
-	inches X 2.54 =	centimeters	inches X 2.54 = centimeters	
34. T -	Top of Side View Mirror Code to the nearest centimeter	200	39. Ground to Hood Edge Code to the nearest centimeter	<i>≥</i>
	(000) No side contact	1	(000) No side contact	
(;	(300)`300 centimeters or more (999) Unknown		(500) 500 centimeters or more (999) Unknown	
•			inches X 2.54 = centimeters	
-	inches X 2.54 =	centimeters	. I file file of the state of t	
	•		In the many to the contract t	

	System Constitution Vehicle Politi	rage 3
40. Ground to Centerline of Hood (Origin Code to the		
nearest centimeter (000) No side contact (700) 700 centimeters or more (999) Unknown		
inches X 2.54 = centimeters		
41. Ground to Head Contact Code to the nearest centimeter (000) No side contact		
(800) 800 centimeters or more (999) Unknown inches X 2.54 = centimeters		
	·	
·		
·		
-		
		Singe to our sear
	•	



P82-6/2

E511-1-d coefficity of friction 0,60

Wif concrete

Translad - 0,45 to 0,65

Vehicle import to frank v.st 29.5 m = 96.8 ft.

Vehicle broking of infect Ped Varit- dover Vehicle Literature Search Vehicle minimum = 37 mph

V2= 12 - 25 Fg

 $V_{i} = V_{-(2)}(96.8)(0.60)(32.2)$ $= V_{3740} = 61 \text{ fps} = 41 \text{ mph}$ 41 mph = 66 KPH

Ginal

82612P00000011 947.040000000000119270100001 94000000000 0000000000000 01 82612P00010012 **B**47.0410000000000101F72000 82612P00010021 7.04 000000004911785109414607911014001499030419900331999703 1210000000020 82612P00010131 7.04 00000000028516062170011122 82612P00010231 7.04 00000000028534083170011122 82612P00010331 7.04 00000000028516062170011122 82612P00010431 7.04 00000000028534223170011122 82612P00010531 7.04 00000000028904021170311333 82612P00010631 7.04 00000000028904021270011122 82612P00010731 7.04 00000000027522002177411533 82612P00010831 7.04 00000000022902021177511254 82612P00010931 7.04 00000000022976001177511254 82612P00011031 7.04 00000000022518002172211433 82612P00011131 7.04 00000000022508022172211433 82612P00011231 7.04 00000000022512022172211433 82612P00011331 7.04 00000000022518002272211433 82612P00011431 7.04 00000000021406843172211433 82612P00011531 7.04 00000000021406524172211433 82612P00011631 7.04 00000000021406784172211433 82612P00011731 7.04 00000000021608023072211433 82612P00011831 7.04 00000000026502002672212433 82612P00011931 7.04 00000000026502002672212433 82612P00012031 7.04 00000000027902021194711000 82612P01000041 7.04 0000000009249032041NXAE91A6NZ 99905609600102000006 621101800111313111121232 82612P01000051 7.04 000000002431423109713413713822330390520681307507817518

PSU82 CASE 612P CURRENT VERSION: 7.04

0000000000000

ERROR SUMMARY SCREEN PEDESTRIAN STUDY



	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Pedestrian Accident	0	O	0	Y
Pedestrian Assessment	0	0	Ō	Y
Pedestrian Injury	O	O	Ó	Y
Pedestrian General Vehicl	e O	0	0	Y
Pedestrian Exterior Vehic	le 0	0	Ö	Ÿ
Total Inter Errors		0	0	
Total Case Errors	o	o	0	



U.S. Department of Transportation

SLIDE INDEX



National Highway Traffic Safety Administration NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORT NINESS DATA SYSTEM Primary Sampling Unit Number Case Number—Stratum Direction Slide Vehicle of **Description of Slide Subject Matter** No. No. **Picture** 0 4 W HS Form 434B (1/94)

Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
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o 12p (1994) #2 It Available











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12p (1994) #



PSU 82-612p (1994) #3 Best Available





Best Available





12p (1994) #.



12p (1994) #36













